AMC/AMSC S	SCREENING	ANALYS	IS WO	ORKSI	HEET 3	PRIORITY CATEGORY	r F	POTENTIAL REQUIREMENT	
* HISTORY *			PAGE	1 OF	2		1	DENT DATE	20JUN03
SECTION A	ITEM	1 IDENTIFICA	TION A	ND INF	ORMATIO	N			
1. NSN	2. NOUN				3. END ITEM			4. PCC	5. ERRC
5365010571186LE	RING,	RETAINING				F-16			N
6. INI 7. QTY	8. UNIT CO				NUMBER (PA	ART NO.)		ACE 013000	DEV.
19AUG03	500	\$4.88	R/N:				سا د د د د د د د د د د د د د د د د د د د		REV:
10. BP/SMC/MPC/FY			2. EST AN	NUAL BU	JY VALUE		13. PR/MIP		,440.00
9 / /	/ 3	10			\$2,440.			17. HARD CRI	
14. COMM OFF-THE-SHELF	ITEM 15.	FORM 1 TYPE I	I'EM J	16	. NUC, CERT. (Y/N/U):	. END ITE	4	(Y/N/U)	
(Y/N/U): U		(Y/N/U): U			(1/N/O).			(1/14/0)	· •
NEXT HIGHER ASSEMBLY 18. NSN:				20. R	VN:			21. CA	AGE:
	<u>(</u>			<u> </u>					
SECTION B SUMMARY OF SCREENING ACTION									
1. STAT 2. DIV 3.	CTIC 4. ACQUI	SITION IDENTIF	YING NUI	MBER			5. R	EV 6. CQ	R/I&A
C A	R/N	2006401-3			C	AGE: 01	.3002		0
7A. DESIGN DIS: Y	7B. SPEC CNTRL	N N	7C. SRC	CNTRL:	N	7D. MIL	/IND/CONTI	R PERF SPEC:	N
8. ST/STE REQ	9. ST/STE AVAIL	10.	DATA CO	OMPLETE		11. LIMI	TED RIGHTS	S	12. AAC
(Y/N/U): N	(Y/N/U):	N		(Y/N/U):	Y		(Y/N/U):	: N	D
13. AMC/AMSC 1C 1	4. DCC C1 15.	EXP DT 0706		. PRV AMO	C/S/DT 20	G / 0294	17. NBI	R DRWGS REVE	0
18. AMC COMPLETION DT:	17JUL03				19. MM RE	CMD AMO	C/AMSC:		
	IM	EQ/S	P	C	R TECH	C	R ENGR	MM	ENGR
20. DATE BEGAN	20JUN03	20ЈШ	N03	2	3JUN03			23	JUN03
21. DATE COMPLETED	23JUN03	20JU	N03	1	7JUL03				JUL03
22. CODE/PHONE NR	DDZ / 77777		77777		/ 75475		/		/ 63053
NAME	DLA IM	DLA ES			ER C			BALI	
23. ORGANIZATION	DLAIM	DLAES			EMPM			; 111	DE
SECTION C EST SAVING/LOSS OVER FI	HTIPE BROG			EVALUA	eserit	P & CO	ST OF BREA	KOUT	
(ABV x A x PROG YRS) - B =		\$0.00	A. SAV.F.	ACTOR %	0	Б. э СО	JI OF BREA	NOU1	\$0.00
	<u> </u>		AENIT CI	IDDODT		`			
SECTION D PROCUREMENT SUPPORT REQUIRED									
1. FIRST ARTICLE TEST (Y/					NICAL DATA			Y	
3. EXPORT CONTROL (Y/N): Y 4. PRODUCTION SAMPLE REQ (Y/N): N									
5. MLO/ARTWORK (M/S/B/N): N 6. SAMPLE FURN (Y/N): N 7. ENGR NOTES (Y/N); Y									
8. PR RETURN REASON CODE: 9. PR NUMBER:									
SECTION E APPROVED SOURCES									
DESIGN ACTIVITY INFORMATION SUPPLIER INFORMATION									
[CAGE] REF	ERENCE NUMBER]	RNC	CAGE		CONTRA	CTOR'S NAI	ME	ТҮРЕ
013002 2006401-3	3		32	0H1632	SP A	EROSPACE A	AND VEHICLE	SYS B.V.	v
013002 2006401-3	3		32	013002	GOODI	RICH			D
013002 2006401-3	3		32	017576	COLT	EC MFG CO			N
				<u>.</u>	1	· · · · · · · · · · · · · · · · · · ·			
1			1 11		1				

	2	AMC/AMSC SCREE			IS	WORKSHE	ET			
* HISTORY *				SHEET)			71.		OF	2
NSN: 53	365010571186LE	AMC/AMS		1C		IM DATE BEG	AN:	20JUN03		
SECTION F		SCREENING EV	/ALUA	TION/REI	MAR	KS				
1. JUSTIFICA	TION FOR SUFFIX CODE C									
	RING IS A CRIT FUNCTIONAL INT MANUFACTURERS INTEGRITY OF T SECTION E OF T EXPERIENCE AND	RETAINING RING FOR THE CICAL APPLICATION LANDIN PEGRITY OF THIS RETAININ PROCESSES AND TECHNIQUE CHE ITEM; PROCUREMENT IS CHIS DOCUMENT. THESE SCOOCAPABILITY. FAILURE COREW PERSONNEL.	G GEAR G RING S. 3. RESTRI	COMPONENT. CAN BE AFFE TO ENSURE CCTED TO SOU ARE KNOWN TO	THE CTED CONT: JRCES HAVI	STRUCTURAL A BY INDIVIDUA INUED PRODUCT LISTED IN E THE REQUIRE	L D			
2. ACTION TA	AKEN/BEING TAKEN TO I	MPROVE COMPETITIVE ST	ATUS:							
4. THEREFORE, NEW SOURCES MUST BE APPROVED BY LGHLEN/SYSTEM ENGINEER PRIOR TO CONTRACT AWARD.										
3. REMARKS: QUALIFICATION REQUIREMENTS AVAILABLE CODE D.										
SECTION (j	MISCELLAN	EOUS	INFORMA	TIOI	N	# #			
1. PROCURE	MENT HISTORY (LAST 5 B	UYS):		STD	PRICE	3		\$4.88		
AWARD DA	TE CLIN QTY	UNIT PRICE	SU	PPLIERS CAGE	[Al	MC/AMSC	AMOC	NO SOL	BIDS	RCV
05FEB85	300	\$3.08		17576	 	3L	3	1		1
			-		-				1	
			-							
2. VALUE ANALYSIS DATA										
ECON PROD QTY	PROJ BUY QTY	ANLYS DIR LAB HOURS	Ĩ	COSTS		IND COS & PROF	T	TARGET PRI		SRC REV
REMARKS	0 0	0.00		\$0.0	00		\$0.00		\$0.00	
										-
3. POTENTIAL SOURCES										
	DESIGN ACTIVITY II	NFORMATION	1			SUPPLIE	R INFORMA	TION		Orig/
CAGE	REFERENCE	NUMBER	RNC	CAGE		CONTR	ACTOR'S N	AME		Eval
								4. ***		-
										+

				l			
REVISION: 01				ENGINEERING DATA	LIST	*	1 -
DATE: 23JUN03 DATA TECH:	SCH	ORGN SYMBOL :	LGMPM	PR NR :		APPLICATION: F-16	PAGE 1 OF 1
CAGE: MANUFACTURER NAME: 13002 GOODRICH			REFERENCE NR: 2006401-3	NR:	NOUN : RING, R	NOUN: RING, RETAINING	NSN: 5365010571186LE
CAGE DRAWING NUMBER	REV	NR NR SHEETS CARDS	FURN DIST	NOUN		REQUIREMENTS	
98747 00-ALC FORM 462	_	s 0000 t000	ENGR D	ENGR DATA ROMIS (ATTACH A)			
17576 2006401-3		0000 10000	RING,	RETAINING - LANDING GEAR			
	-						
	<u> </u>						
	-						
	_						
STANDARD ENGINEERING TEXT							
ENGWEEDING DATA LIST DEMADES				FIDUIGUED METUOD CODE LECEND.	I FCEND:	X - DATA SUPPLIED (NOT IN EDCARS).	G - GOV'T DOCUMENT.
				C - CLASSIFIED DOCUMENT. S - FURNISHED WITH SOLICITATION.	ENT. DLICITATION.		
				M - STABLE BASE DRAWING REQUIRED; FURNISHED WITH CONTRACT AWARD.	ING KEQUIKED; ONTRACT AWARD.	(NOT PROVIDED).	AVAILABLE.

REV:	ENGIN	EERING DATA REQUIREMENTS				
<u>,</u>	(ATTACHMENT "A")					
NOTE: MILITARY SPECIFICATIONS I/STAIL 1. THE FOLLOWING INSTRUCTIONS ARE E	VDARDS WILL NOT BE FURNISHED IN THE BID SET. FURNISHED FOR THE MANUFACTURE OF					
RING, RETAINER -	LANDING GEAR					
2. PART NUMBER		3. NATIONAL STOCK NUMBER				
2006401-3		5365-01-057-1186LE				
4. THE FOLLOWING SPECIFICATIONS/STA	ANDARDS, ETC., WILL BE USED IN LIEU OF THE DATA INDICATED. TH	E SUPERSEDED DATA WILL NOT BE FURNISHED UNLESS S	O INDICATED.			
5. MATERIAL: MUSI	C WIRE PER ASTM A228 IN LIEU OF	QQ-W-470.				
6. IDENTIFICATION A	AND MARKING PER MIL-STD-130 IN 1	LIEU OF TM1040.				
7. SURFACE TEXTUR	E PER ASME B46.1 IN LIEU OF ASA I	B46.1.				
8. DIMENSIONING AND TOLERANCING PER ASME Y14.5 IN LIEU OF ANSI Y14.5-1973						
DIRECT CURRENT (F ACCEPTANCE/REJEC THAT THE INSPECTION INDICATIONS ALLOW	ETIC PARTICLE INSPECTION PER AS WDC), WET CONTINUOUS METHOD, TION CRITERIA: NO DEFECTS ALLO ON IS CONDUCTED AT THE REQUIRE VED. THE INSPECTOR PERFORMING ON PROCEDURE DEVELOPED BY A L	FLUORESCENT TYPE WITH TO WED. THE INTENT OF NO DE ED SENSITIVITY LEVEL AND T THE INSPECTION SHALL BE (HE FOLLOWING FECTS ALLOWED IS HERE SHALL BE NO CERTIFIED TO LEVEL II			
10. CORROSION PROTECTION PER MIL-C-16173 GRADE 3 OR MIL-C-11796 CLASS 3 IN LIEU OF MM5752.						
11. OO-ALC/LGHLEN SYSTEM ENGINEERING RETAINS ALL RIGHTS TO REVIEW AND ACCEPT/REJECT MRB'S PRIOR TO SHIPMENT OF DISCREPANT ITEMS. ALL DEVIATIONS, MINOR OR MAJOR, FROM THE ENGINEERING DRAWING PACKAGE WILL BE SUBMITTED FOR MRB DISPOSITION.						
12. PRIOR TO CONTRACT AWARD, THE CONTRACTOR WILL CERTIFY TO THE GOVERNMENT IN WRITING, FULL COMPLIANCE WITH MANUALS, SPECIFICATIONS, AND STANDARDS CALLED OUT AND REQUIRED FOR THE MANUFACTURE OF THIS CONTRACTED LANDING GEAR COMPONENT/ASSEMBLY. CONTRACTOR IS RESPONSIBLE TO COMPLETELY SEARCH THESE MANUALS, SPECIFICATIONS, AND STANDARDS AND FULLY UNDERSTAND THE REQUIREMENTS NECESSARY TO MANUFACTURE LANDING GEAR COMPONENTS. ANY QUESTIONS CAN BE FORWARDED TO THIS OFFICE OO-ALC/LGHLEN.						
PREPARED BY		SYMBOL	DATE			
CAROL HYER		LGMPM	17 Jul 03			

FIRST AI	RTICLE REQUIREMENT AR Part 9, Sub Part 9.3)	NTS (Additional Instructions	1. DATE 30 JUNE 03	
2. P/R/MIPR NUMBER	3. PART NUMBER 2006401-		4 NSN	1-057-1186LE
5. FIRST ARTICLE QUANTITY THE FIRST ARTICLE IS	UNIT(S) OF LOT/IT	TEM		
AND WILL BE: PART OF PRODUCTION QU	JANTITY		PRODUCTION QUAN	ITITY
6. ARTICLES		7. LONG LEAD TIME ITEM	AS	
WILL WILL NOT SERVE AS A STANDARD	A MANUFACTURING	REQUIRED (See FAR 52.20	09-3 or -4, alternate II)	NOT REQUIRED
8. SPECIAL REQUIREMENT/PRODUCTION FACILITIES X REQUIRED "The First Article offered must be manufacture component not manufactured by the contractor,	ed at the facilities in which the	NOT REQUIRED that item is to be produced nanufactured at the facilities	d under the contract, o	or if the First Article is a nent is to be produced for
the contract. A certification to this effect must	accompany each First Article			
Performance or other characteristics which the Finare Conformance with all drawings and the contract B. The detailed technical requirements for First Artic contained in all drawings and specification (Cite Spec and Para number) (Cite Spec and Para number)	d specifications in cle approval tests are ons in the contract or om date of contract.	(3) Delivered to OO-ALC/M Bldg 849, H (4) Governmen de	calendar calendar days government at ADLV, ATTN: 1 Hill AFB UT 8405 at written notice of app ays after receipt of first f government testing/ir	Non Acct Bay 6 broval/disapproval within tarticle package.
of test time and location due days s	prior to start of testing.			
(1) DD Form 1423 ELIN (2) Due calendar days from date (ı			
(4) Government written notice of approval/disagnation days after receipt of contractor's report.	pproval due		· 	
10. DISPOSITION OF FIRST ARTICLES		1 1 ' ''	st Articles will be retur	
Approved First Articles will be forwarded to	o Supply	<u> </u>	tained by <u>OO-ALC</u> ructions from the contra	
	rticles will be etained by sition instructions from ft/equipment to determine will remain on the reded to USAF Supply, but	following dispose Foreign Military a. Approved Find Shipment with process of the shipment with the shipment	sition will apply. (NO Sales (FMS)). rst Articles will be reto production item. of disapproved First Ar ve.	as direct shipments the ITE: Always applicable on urned to the contractor for rticles will remain the same
I				

2. P/R/MIPR NUMBER	3. PART NUMBER 2006401 -	۲	4. NSN 5365-01-057-11861E			
11. CONDITION(S) FOR WAIVER OF FIRST ARTICLE A						
a. Offerots who have previously furnished pr	roduction quantities of the Air Force.	same or similar article to the	prime contractor for delivery to the			
b. Offerors currently in production of the san received First Article approval under the e		Government,	DoD, X Air Forcentract and who have			
c. Offerors who have previously furnished pr	oduction quantities of the s s furnished, have exhibited	same or similar articles to th satisfactory performance in	service in the opinion of the Air Force.			
d. Provided not more than month	s have elapsed since comp	letion of the contract.				
e. First Article testing will not be waived.						
f. See Remarks in block 12 below.						
NOTE TO BUYER: UNDER CONDITIONS A AND C ABOVE, THE COGNIZANT ENGINEERING ACTIVITY WILL DECIDE WHETHER OR NOT THE ITEM HAS EXHIBITED SATISFACTORY PERFORMANCE. IN SERVICE AND PREPARE AND RETAIN SUPPORTING DOCUMENTATION TO FULLY JUSTIFY THIS DECISION. THE BUYER MUST SOLICIT DUAL PRICES (That is, both with and without requirement for first article approval) AND MUST FURNISH THE COGNIZANT ENGINEERING ACTIVITY WITH THE FOLLOWING INFORMATION ON THE PREVIOUSLY SUPPLIED ARTICLE:						
A. PROCURING OFFICE B. CONTRA	CT NUMBER C. D.	ATE OF CONTRACT D.	SPECIFICATION NUMBER AND REVISION			
12. REMARKS		· · · · · · · · · · · · · · · · · · ·				
The manufacture of this item requires technic testing and evaluation can assurance be obtainstructions and data supplied or specified.	ined that a contractor	ing, or finish(es) of suc has the capability of pr	ch a nature that only by First Article roducing the item in accordance with the			
Vendor will only be allowed one attempt to inspection will result in termination of the co AMSC coded C).	receive a full or cond ontract, and subseque	itional approval. Failu nt removal of the vendo	re to receive approval of First Article or as an approved source (if the item is			
ř						
		•				
13. COGNIZANT ENG ORGANIZATION RESPONSIBLE F AND/OR APPROVING TEST (Name, Organization, Phone)		14. PR INITIATOR (Name, (Organization, Phone)			
Ken Spomer Kin San	6-30-03					

SOURCE QUALIFICATION STATEMENT

(PL 98-525, Section 2319)

SECTION A. ITEM IDENTIFICATION

- 1. STOCK NUMBER (NSN):5365-01-057-1186LE
- 2. PART NUMBER (P/N):2006401-3
- 3. NOUN: Ring, Retaining
- 4. APPLICATION: F-16

SECTION B

JUSTIFICATION FOR ESTABLISHING QUALIFICATION REQUIREMENTS AND REASON WHY QUALIFICATION REQUIREMENTS MUST BE DEMONSTRATED PRIOR TO CONTRACT AWARD

- 1. Characteristics associated with the manufacturing and processing of this component could result in product functional degradations. This item performs a critical function on the aircraft and special equipment is required for its manufacture and testing. Close tolerance machining is required. Special care and attention is required but not limited to surface finish, processing, and assembly of this item. This item is particularly susceptible to process induced manufacturing flaws; therefore care must be taken to insure a potential vendor's capability prior to contract award.
- 2. The bidder's ability to interpret Engineering drawings and specifications and the execution of the qualification requirements specified herein are necessary to verify the structural and/or functional integrity and/or fit and form of the item being procured.
- 3. Failure to procure this item from a fully qualified source could result in failure of the part, degradation of aircraft mission capability, or loss of aircraft and crew.
- 4. Completion of the specified pre-contract award qualification requirements will assure the government that the offerer is capable of producing the item in compliance with the applicable technical specification/data and within the schedule and economic constraints of our contracts. There are sufficient technical and schedule risks, which can only be minimized by a completion of the requirements prior to contract award.

SOURCE QUALIFICATION REQUIREMENTS

(PL 98-525, SECTION 2319)

STOCK NR (NSN)<u>5365-01-057-1186LE</u> NOUN: <u>Ring, Retaining</u> PART NUMBER (P/N)2006401-3 AIRCRAFT:F-16

SECTION C

QUALIFICATION REQUIREMENTS THAT MUST BE SATISFIED TO BECOME A QUALIFIED SOURCE

- 1. Because of the need for uninterrupted item support to military aircraft systems and in keeping with the requirements of PL 98-525, the current acquisition need not and generally will not be delayed to provide an offerer an opportunity to qualify. Normal acquisition practices at OO-ALC should preclude the denial of opportunity to any interested offerer.
- 2. The offerer must provide a pre-contract award qualification article, which meets the requirements of the engineering drawings, material specifications, and process specifications. However, successful completion of the qualification testing does not guarantee any contract award. If the offeror is deemed qualified and awarded the contract, a post-contract award first ariticle exhibit may be required to verify production capability.
- 3. The required materials will be procured from a qualified source and will meet the requirements of their respective specifications. The offerer will assure that the material supplier has accomplished this and will submit certified documentation of accomplishment of the above requirements to the purchaser along with the pre-contract award qualification article.
- 4. The qualification article shall demonstrate full compatibility and comparability with existing parts, and once submitted, will be subjected to such testing as deemed necessary by the government, to insure the article meets all dimensional, processing, and functional requirements. Such testing may result in the destruction of the article. Following completion of necessary testing and evaluation, the article, no matter what its condition, shall be returned to the contractor or disposed of at his discretion and direction, whether it was found acceptable or not.
- 5. Form verification: The Government's Quality Verification Center will verify compliance with dimensional data requirements. Material and process compliance will also be verified as required.
- 6. Fit/function verification: Existing components and Government test stands/fixtures will be utilized to verify physical interface and functional performance of articles.
- 7. Testing for material and process compliance

(a) Material analysis
(b) Heat treat
(c) Grinding
(d) Plating
(e) Finish
(f) Other

8. Remarks:

- a. Organic verification capabilities exist at OO-ALC.
- b. Test requirements outside organic capabilities will be contracted out to independent laboratories.
- 9. The estimated cost of government testing and evaluation is \$250.00
- 10. Maximum time for testing of the qualification article will not exceed 30 days from receipt at testing agency.

SOURCE QUALIFICATION REQUIREMENTS

(PL 98-525, SECTION 2319)

STOCK NR (NSN)5365-01-057-1186LE NOUN: Ring, Retaining PART NUMBER (P/N)2006401-3 AIRCRAFT:F-16

SECTION D

QUALIFICATION WAIVER REQUIREMENTS.

- 1. An offerer who has had previous experience in the manufacture and qualification of items, which can be correlated with this product, may apply to the design control authority at OO-ALC for a waiver of the above stated qualification requirements.
- a. The qualification waiver criteria utilized by the design control authority to perform a qualification analysis are available upon request. The qualification waiver criteria may be used as a guide in preparing the offerer's written input to the design control authority.
- b. The burden of proof for written inputs is on the offerer. The design control authority will not pursue authenticity verification of claims made by the offerer of product manufacturing experience with other Government or non-Government agencies. Unsubstantiated claims will not be considered in the waiver analysis process.
- c. This waiver will be granted if and only if the design control authority LGHL can establish the qualifications of the offerer through the evaluation of written inputs from the offerer or from previous knowledge of the offerer's capabilities or from previous experience with the offerer on similar item acquisitions. If there is any doubt about the offerer's capability, the offerer will be required to submit a pre-qualification article. There is no guarantee of qualification by similarity. LGHL reserves the right to require a pre-qualification article of all offerers.
- 2. The current acquisition need not and will not be delayed in order to provide an offerer with an opportunity to meet the requirements for qualification waiver.
- 3. Maximum time for approval of qualification by similarity will not exceed 15 days.

SOURCE QUALIFICATION REQUIREMENTS (PL98-525, SECTION 2319)

STOCK NR (NSN)5365-01-057-1186LE

PART NUMBER (P/N)2006401-8 APPLICATION

NOUN Ring Retaining

F-16

SECTION E

MASTER SIGNATURE BLOCK:

OD-ALC/LGHEEN Engineer

30 June 03

OO-ALC LOSILEN Load Engineer

The Master SQS has been coordinated by CR, BC, and SBA and approved by LIK on 4 April 01. The Master SQS coordination copies are kept on file in LGHLE (Reference: SP 01-105)